



SCG-1Q-4G 4G Fixed Wireless Terminal **with 4G 1SIM, 2 x RJ-11 for** **4G – Analog network connection**



1. General Description:

SCG-1Q-4G Fixed Wireless Terminal is designed for 4G LTE to Analog connection (single port, insert 4G 1SIM card). The device can produce a FXS line to allow an Analog phone to be connected and used just like a local Landline (PSTN) except your calls will go out via 4G network. This device can both receive and make calls.

The main application is: Connecting the RJ-11 FXS line to connect Ordinary telephone set for voice call; to connect PBX for call extensions; to connect billing systems for public phone use; to connect VoIP FXO gateway to realize VoIP call termination; to connect alarm system for security purpose, etc. It is not a VOIP gateway, nor a GSM+VOIP Gateway, It is a **4G Fixed Wireless**

Terminal that produces an analog FXS phone line.

2. Technical Specifications:

Module employed:

EC-25, EC-20 *(please tell us the 4G Band you need before place an order so that we can choose the suitable module for you)*

For Australia/New Zealand/Taiwan/Brazil

EC25-AU:

LTE FDD:

B1(2100MHz)/B2(1900MHz)/B3(1800MHz)/B4(1700MHz)/B5(850MHz)/B7(2600MHz)/
B8(900MHz)/B28(700MHz)

LTE TDD: B40(2300MHz)

WCDMA: B1/B2/B5/B8

GSM: B2/B3/B5/B8

EC25-AUT:

LTE FDD: B1/B3/B5/B7/B28

WCDMA: B1/B5

EC25-AUTL

LTE FCC: B3/B7/B28

For Europe/Middle East/Africa/Korea/Thailand

EC25-E:

LTE FDD: B1/B3/B5/B7/B8/B20

LTE TDD: B38/B40/B41

WCDMA: B1/B5/B8

GSM: B3/B8

For North America

EC25-A:

LTE FDD: B2/B4/B12

WCDMA: B2/B4/B5

EC25-V

LTE FDD: B4/B13

For Japan

EC25-J

LTE FDD: B1/B3/B8/B18/B19/B26

LTE TDD: B41

WCDMA: B1/B6/B8/B19

Air interface standard:

Phone interface: supply RJ-11 Phone Interface

Hanging voltage: 45V

Picking off voltage: 30mA / 41mA

Dialing tone Frequency: 450Hz

Antenna interface: Antenna amplifying>2.5db

Sensitivity:<-104DBM

Transmitting power<3W

Color: White /Black (optional)

AC-Adapter interface: Input: AC 110~240VAC 50~60Hz

Output: 12DC 1A

Output Power: 23dBm±2dB

AC-Adapter type: EU, US, AU, British can be optional

3. Functions & Features:

- 1) SIM card supported (1.8V, 3V)
- 2) Caller ID display
- 3) Employ industrial module to make
- 4) Simple to install and easy to maintain
- 5) Steady module and reliable design ensures good performance
- 6) Provides optimized circuit directly connecting the exchange device for extensions
- 7) Compatible to most telephones, PBX device.
- 8) Strong signals with high gain antenna
- 9) Attractive plastic casing
- 10) It is a 1 port 4G FWT which has 2 RJ-11 outputs for extensions;
- 11) It can connect with ordinary telephone set, PBX, VOIP Gateway, Billing meter etc.
- 12) Provides reversal polarity signal for metering
- 13) No noise and clear voice
- 14) Suitable for wide voltage range and low power consumption
- 15) Suitable for all kinds of weather and environment
- 16) Locking PIN / network (optional)

17) back up Li-ion battery (Optional), talking time: 2 hours, standby time: 10 hours

4. Operation Circumstance:

Operation temperature: -10c~60C

Storage temperature:-20C~70C

Operation humidity:45%-95%

Atmosphere pressure:86-106Kpa

Environment noise: <60DB

Transmitting Power:2W

Sensitivity: <-104dbm

Antenna Amplifying: >2.5db

Dialing frequency: 450Hz

Hanging voltage: 45V

Picking current: 30mA/41mA

5. Packing List:

G.W: 0.75kg per unit. 20pcs/Carton, 16kg /Carton

Carton Box Size: 55cmX34.5cmX32.5cm

Name	Quantity	Remark
SCG-1Q-4G FWT	1pcs	4G/3G/2G
AC- adapter	1pcs	AC-110-240V, DC12V/1A
Antenna	1pcs	Magnetic Antenna with 3m cable
User's Manual	1pcs	English



TECHNOLOGY CO., LTD

7F, No. 53, Jian-Kang Rd., Zhong-he Dist., New Taipei City, Taiwan 23586

www.suncomm.com.tw www.3GFixedWirelessTerminal.com

China: www.suncomm.cn

Tel: 886-2-3234 1496 Fax: 886-2-3234 1393 E-mail:

sales2@suncomm.com.tw

China: +86 136 8884 2805 +86 138 2927 8505